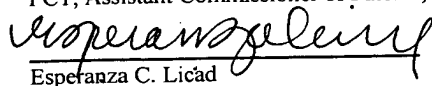


"Express Mail" Mailing Label No. EL 701 980 008 US Date of Deposit: December 27, 2002

I hereby certify that this paper (and all documents referred to herein) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed: BOX PCT, Assistant Commissioner of Patents, Washington, D.C. 20231-0001.


Esperanza C. Licad

Dec 27, 2002
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Rappuoli, R. et al.

Serial No.: 10/089,367

Group Art Unit: To be assigned

Filed : 03/28/2002

Examiner: To be assigned

For : MUCOSAL DTPa VACCINES

TRANSMITTAL LETTER

BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), mailed from the United States Patent and Trademark Office on May 29, 2002, enclosed herewith are the following documents.

1. Copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US).
2. Petition for Five-Month Extension of Time.
3. Check in the amount of \$2334.00, check # 7974, which includes:
\$364.00 required in the "Notification of Missing Requirements" and \$1,970.00 required for filing an extension for response within fifth month.
4. One original signed Declaration for Patent Application.
5. Blanket Petition for Extension of Time and Authorization to Charge/Credit Deposit Account.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/089,367	Rino RAPPUOLI	PP01651.102; 2302-1651

INTERNATIONAL APPLICATION NO.	
PCT/IB00/01440	
I.A. FILING DATE	PRIORITY DATE
09/28/2000	09/29/1999

Rebecca M Hale
Chiron Corporation
Intellectual Property Dept-R338
PO Box 8097
Emeryville, CA 94662-8097



CONFIRMATION NO. 7808

371 FORMALITIES LETTER



OG000000008159578

Date Mailed: 05/29/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

- Additional claim fees of \$364 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

DOCKETED on/by 6/3/02 gmsAtty. RMH PAFile # PP01651.102Due Date 7/29/02 RS5 with fee, add 1 fee12/29/02 RS6

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$364** for a Large Entity:

- Total additional claim fee(s) for this application is **\$364**
 - **\$84** for 1 independent claims over 3.
 - **\$280** for multiple dependant claims surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/089,367	PCT/IB00/01440	PP01651.102; 2302-1651

FORM PCT/DO/EO/905 (371 Formalities Notice)

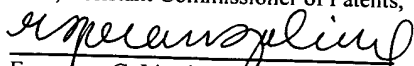
Rec'd PC~~TO~~ 27 DEC 2002

PATENT

Atty. Docket No. 1651.102

"Express Mail" Mailing Label No. EL 701 980 008 US Date of Deposit: December 27, 2002

I hereby certify that this paper (and all documents referred to herein) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed: BOX PCT, Assistant Commissioner of Patents, Washington, D.C. 20231-0001.


Esperanza C. Licad

Dec 27, 2002
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For : MUCOSAL DTPa VACCINES

**BLANKET PETITION FOR EXTENSION OF TIME
AND AUTHORIZATION TO CHARGE/CREDIT DEPOSIT ACCOUNT**

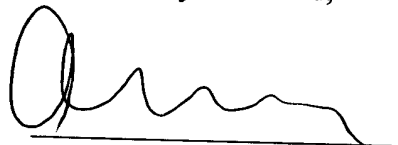
Assistant Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

If a paper is untimely filed in the subject application by applicant or his representative and such paper is not accompanied by an effective petition for extension of time, the Commissioner is hereby petitioned under 37 C.F.R. §1.136(a) for the minimum extension of time required to make said paper timely. In the event a petition for extension of time is made under the provisions of this paragraph, the Commissioner is hereby requested to charge any fee required under 37 C.F.R. §1.17(a)-(d) to Deposit Account No. 03-1664.

Respectfully submitted,

By:



Alisa A. Harbin
Reg. No. 33,895

Date: December 27, 2002

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